		Application No.	Applicant(s)
Notice of Allowability		10/719,904	BARTLETT, ANDREW C.
		Examiner	Art Unit	
		Insun Kang	2193	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *7/16/2007*.

2. ☒ The allowed claim(s) is/are *1, 3-13, 15-23, 25, 26, 29, and 31-37 (renumbered as 1-31)*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

        Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *20071001* .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

MENG-AL T. AN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Mr. Lee (Reg. No. L0248) on 10/1/2007.

2.   The application has been amended as follows:

1. (Currently amended) In an electronic device that runs a software tool for design and execution

of a system, a method for locking at least one attribute of a signal provided from a first

node to a second node, the method comprising:

providing a latch component between the first node and the second node; and

setting the latch component to a first mode in which the latch component automatically

determines and locks the at least one attribute of the signal on an occurrence of a triggering

event, the first mode changing to a second mode, wherein in the second mode, the at least

one attribute of the signal is locked to be prevented from changing when the design of the

system changes;

setting the latch component initially to a third mode in which the latch component is

prohibited from locking attributes of the signal,

wherein in the third mode, a signal passes through the latch component to the second

node regardless of the attributes of the signal.

2.   (Canceled)

3. (Currently amended) The method of claim [[2]] 1 further comprising the step of:

resetting the latch component from the second mode to the third mode.

13. (Currently amended) In an electronic device that runs a software tool for design and

execution of a system, a method for locking at least one attribute of a signal using an existing

component that performs a function in connection to the signal, the method comprising the steps

of:

providing the component on a path of the signal;

providing the component with a first mode in which the component automatically

determines and locks the at least one attribute of the signal on an occurrence of a triggering

event, the first mode changing to a second mode; and

wherein the at least one attribute of the signal is locked to be prevented from changing in

the second mode when the design of the system changes;

providing the component with a third mode and setting the latch component initially to

the third mode in which the component is prohibited from locking attributes of the signal,

wherein in the third mode, a signal passes through the component regardless of the

attributes of the signal.

14   (Canceled).

15. (Currently amended) The method of claim [[14]] 13 wherein the component is reset from the second mode to the third mode.

23. (Currently amended) A compute-readable medium holding instructions executable in a computer that runs a software tool for design and execution of a system, wherein a signal is provided from a first node to a second node, comprising:

prodding a latch component between the first node and the second node; and

setting the latch component to a first mode in which the latch component automatically determines and locks the at least one attribute of the signal on an occurrence of an triggering event, the first mode changing to a second mode,

wherein the at least one attribute of the signal is locked and prevented from changing in the second mode when the design of the system changes;

setting the component to a third mode in which the component is prohibited from locking attributes of the signal,

wherein in the third mode, the signal flows through the component to the second node regardless of the attributes of the signal.

24.   (Canceled).

27.   (Canceled).

28.   (Canceled).

29. (Currently amended) A system for locking at least one attribute of a signal provided

from a first node to a second node in a model, the system comprising:

    a mode unit for setting the system to a first mode in which the system automatically

determines and locks the at least one attribute of the signal on an occurrence of a triggering

event; and

    an attribute unit for storing the at least one attribute of the signal,

    wherein the first mode changes to a second mode on the occurrence of the triggering

event in which the at least one attribute of the signal is locked to be prevented from changing

when the design of the system changes;

    wherein the mode unit sets the system initially to a third mode in which the system is

prohibited from locking the at least one attribute of the signal, wherein in the third mode, the

signal passes through the system to the second node regardless of attributes of the signal.

30.   (Canceled).

31. (Currently amended) The system of claim [[30]] 29 wherein the mode unit resets the system

from the second mode to the third mode.

3.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Insun Kang whose telephone number is 571-272-3724. The

examiner can normally be reached on M-F 8:30-5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, MENG AI AN can be reached on 571-272-3756. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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